

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 10014331-7

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Nickel et al.

Confirmation No.: 8166

Application No.: 10/697,172

Examiner: Douglas A. Wille

Filing Date: Oct. 30, 2003

Group Art Unit: 2814

Title: MULTI-BIT MAGNETIC MEMORY CELLS

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Mail Stop Amendment
Commissioner For Patents
PO Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment () Petition to extend time to respond
() New fee as calculated below () Supplemental Declaration
(X) No additional fee
() Other: _____ (fee \$ _____)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	9	MINUS	20	= 0	X \$18	\$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X \$86	\$ 0
[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$280	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$950.00	4TH MONTH \$1480.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. ~~A duplicate copy of this sheet is enclosed.~~

Respectfully submitted,

Nickel et al.

By

Hugh P. Gortler

Attorney/Agent for Applicant(s)

Reg. No. 33,890

Date: 7/14/2004

(X) hereby certify that this paper is being transmitted
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number 703 272-9318 on 7/14/2004
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Typed Name: Hugh P. Gortler

Signature:

PATENT
PDNO 10014331-7

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Confirmation No. 8166
Nickel et al. :
Serial No. 10/697,172 : Examiner Douglas A. Wille
Filed: October 30, 2003 : Group Art Unit: 2814

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For: MULTI-BIT MAGNETIC MEMORY CELLS

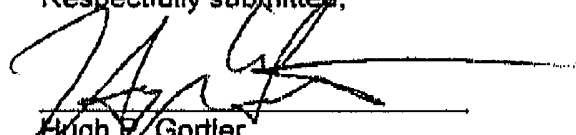
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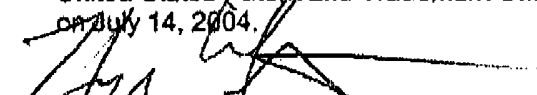
RESPONSE

This is a response to the office action dated May 24, 2004. The response includes a section for amendments to the claims, and a section for remarks.

Respectfully submitted,


Hugh P. Gortler
Reg. No. 33,890

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on July 14, 2004.


Hugh P. Gortler

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Date: July 14, 2004